

**ABSTRACT**

An apparatus for monitoring a compressor includes a plurality of sensor inputs for receiving input regarding operating parameters of a compressor, at least one control action output for sending a control action to the compressor; and a control member communicated with the plurality of sensor inputs and the control action output, the control member being adapted to analyze input from the plurality of sensor inputs, to determine a control action based upon the input and to send the control action to the at least one control action output.